

FILE COPY

Application No.

08/469,641

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7.

Other: _____

Applicant must provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123

For CRF submission help, call (703) 308-4212

For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,641ADATE: 08/26/97
TIME: 14:31:02

INPUT SET: S19909.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

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(1) General Information:

(i) APPLICANT: Olsen, et al.

(ii) TITLE OF INVENTION: Vascular Endothelial Growth
Factor 3

(iii) NUMBER OF SEQUENCES: 6 8 shown - see next page

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
CECCHI, STEWART & OLSTEIN

(B) STREET: 6 BECKER FARM ROAD

(C) CITY: ROSELAND

(D) STATE: NEW JERSEY

(E) COUNTRY: USA

(F) ZIP: 07068

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5 INCH DISKETTE

(B) COMPUTER: IBM PS/2

(C) OPERATING SYSTEM: MS-DOS

(D) SOFTWARE: WORD PERFECT 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/469,641

(B) FILING DATE: June 6, 1995

(C) CLASSIFICATION:

(vii) ATTORNEY/AGENT INFORMATION:

(A) NAME: MULLINS, J.G.

(B) REGISTRATION NUMBER: 33,073

(C) REFERENCE/DOCKET NUMBER: 325800-463 (PF207)

(viii) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 201-994-1700

(B) TELEFAX: 201-994-1744

ERRORED SEQUENCES FOLLOW:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,641ADATE: 08/26/97
TIME: 14:31:06

INPUT SET: S19909.raw

112 (2) INFORMATION FOR SEQ ID NO:3:
113
114 (i) SEQUENCE CHARACTERISTICS:
--> 115 (A) LENGTH: 29 BASE PAIRS 28 shown
116 (B) TYPE: NUCLEIC ACID
117 (C) STRANDEDNESS: SINGLE
118 (D) TOPOLOGY: LINEAR
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120 (ii) MOLECULE TYPE: Oligonucleotide
121
122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
123
--> 124 GCATGATCC CAGCCTGATG CCCCTGGCC
125
126

(29) 28

172 (2) INFORMATION FOR SEQ ID NO:7:
173
174 (i) SEQUENCE CHARACTERISTICS:
--> 175 (A) LENGTH: 14? (mandatory response)
176 (B) TYPE: AMINO ACID
177 (C) STRANDEDNESS:
178 (D) TOPOLOGY: LINEAR
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180 (ii) MOLECULE TYPE: PROTEIN
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182 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
183
184 Pro Xaa Cys Val Xaa Xaa Xaa Arg Cys Xaa Gly Cys Cys Asn
185 5 10
186
187

188 (2) INFORMATION FOR SEQ ID NO:8:
189
190 (i) SEQUENCE CHARACTERISTICS:
191 (A) LENGTH: 231 AMINO ACIDS
192 (B) TYPE: AMINO ACID
193 (C) STRANDEDNESS:
194 (D) TOPOLOGY: LINEAR
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196 (ii) MOLECULE TYPE: PROTEIN
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198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
199
200 Met Asn Phe Leu Leu Ser Trp Val His Trp Ser Leu Ala Leu Leu
201 5 10 15
202 Leu Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala
203 20 25 30
204 Glu Gly Gly Gly Gln Asn His Glu Val Val Lys Phe Met Asp Val
205 35 40 45
206 Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp Ile
207 50 55 60

This is the last sequence
in the file.

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/469,641A

DATE: 08/26/97
TIME: 14:31:09

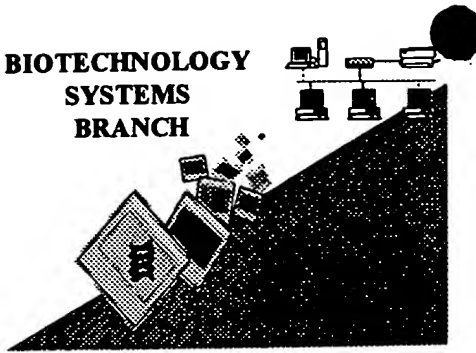
INPUT SET: S19909.raw

[illegible]

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/469,641ADATE: 08/26/97
TIME: 14:31:13**INPUT SET: S19909.raw**

Line	Error	Original Text
10	Number of Sequences (6) Doesn't Equal Actual Count (8)	(iii) NUMBER OF SEQUENCES: 6
115	Entered (29) and Calc. Seq. Length (28) differ	(A) LENGTH: 29 BASE PAIRS
124	# of Sequences for line conflicts w/ running total	GCATGATCC CAGCCTGATG CCCCTGGCC
175	Length must be an Integer	(A) LENGTH: AMINO ACIDS
175	Entered (0) and Calc. Seq. Length (14) differ	(A) LENGTH: AMINO ACIDS

**BIOTECHNOLOGY
SYSTEMS
BRANCH**



Notice of Availability of Checker Program

Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CRF 1.821 through 1.825). Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software is available via computer downloading, details are below. Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the PTO *Official Gazette*.

The software can be accessed/requested from the following locations:

- 1) Dial-up access through the Internet. Location is <ftp://ftp.uspto.gov>
The software is in current directory: `pub/checker/`
Download all the files. Cost: Free-of-charge
- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
WASHINGTON DC 20231

COST FOR DISKETTE IS \$ 25.00

METHOD OF PAYMENT:

Check payable to Commissioner of Patents and Trademarks
VISA/ Mastercard/ Charge- Charges can be faxed to 703-306-2737
PTO Deposit Account

*For Further Information, Contact: **Arti Shah at 703-308-4212***